

# Product Datasheet

## Choline kinase alpha Antibody - BSA Free NBP1-85630

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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Updated 9/9/2025 v.20.1

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**NBP1-85630**

Choline kinase alpha Antibody - BSA Free

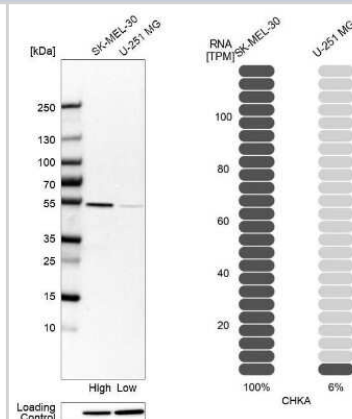
| Product Information |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size           | 0.1 ml                                                                                                           |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| Clonality           | Polyclonal                                                                                                       |
| Preservative        | 0.02% Sodium Azide                                                                                               |
| Isotype             | IgG                                                                                                              |
| Purity              | Immunogen affinity purified                                                                                      |
| Buffer              | PBS (pH 7.2) and 40% Glycerol                                                                                    |

| Product Description |                                                                                                                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Rabbit Choline kinase alpha Antibody - BSA Free (NBP1-85630) is a polyclonal antibody validated for use in IHC and WB. Anti-Choline kinase alpha Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Rabbit                                                                                                                                                                                                                                                                   |
| Gene ID             | 1119                                                                                                                                                                                                                                                                     |
| Gene Symbol         | CHKA                                                                                                                                                                                                                                                                     |
| Species             | Human                                                                                                                                                                                                                                                                    |
| Reactivity Notes    | Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (86%), Rat (88%)                                                                                                                                                          |
| Immunogen           | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>FDIGNHFCEWMYDYSYEKYPFFRANIRKYPTKKQQLHFISYLP AFQND FENLS<br>TEEKSIKEEMLLEVNRFALASHFLWGLWSIVQAKIS                                                                                 |

| Product Application Details |                                                                                                          |
|-----------------------------|----------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry                                        |
| Recommended Dilutions       | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunohistochemistry-Paraffin 1:20 - 1:50 |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended.                                                    |

**Images**

Western Blot: Choline kinase alpha Antibody [NBP1-85630] - Analysis in human cell lines SK-MEL-30 and U-251MG using anti-CHKA antibody. Corresponding CHKA RNA-seq data are presented for the same cell lines. Loading control: anti-HDAC1.



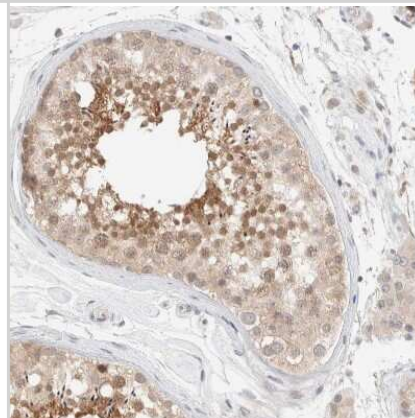
Immunohistochemistry-Paraffin: Choline kinase alpha Antibody [NBP1-85630] - Staining of human cerebral cortex shows moderate cytoplasmic positivity in neurons.



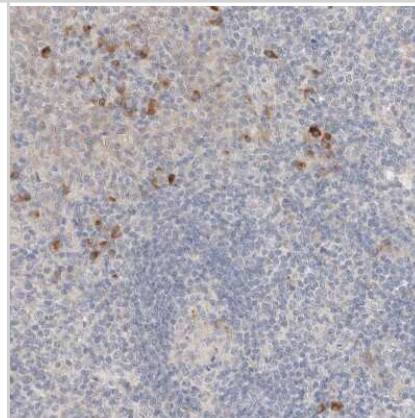
Immunohistochemistry-Paraffin: Choline kinase alpha Antibody [NBP1-85630] - Staining of human cervix shows moderate to strong positivity in mucus in glandular cells.



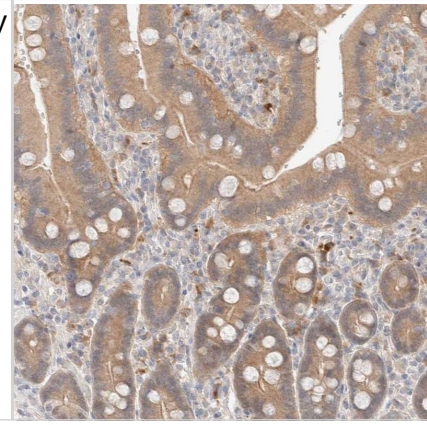
Immunohistochemistry-Paraffin: Choline kinase alpha Antibody [NBP1-85630] - Staining of human testis shows weak to moderate positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: Choline kinase alpha Antibody [NBP1-85630] - Staining of human lymphoid tissues shows moderate cytoplasmic positivity in lymphoid cells.



Staining of human gastrointestinal shows moderate cytoplasmic positivity in glandular cells.



## Publications

Greenstein D, Tsukamoto T, Gearhart MD, Kim S Imaging and Tissue Biomarkers of Choline Metabolism in Diffuse Adult Glioma: 18F-Fluoromethylcholine PET/CT, Magnetic Resonance Spectroscopy, and Choline Kinase alpha Cancers (Basel) 2019-12-07 [PMID: 31817833] (IF/IHC, Human)



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### **Products Related to NBP1-85630**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP1-85630PEP | Choline kinase alpha Recombinant Protein Antigen    |
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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